0050050 "4E08T560

FIG.1

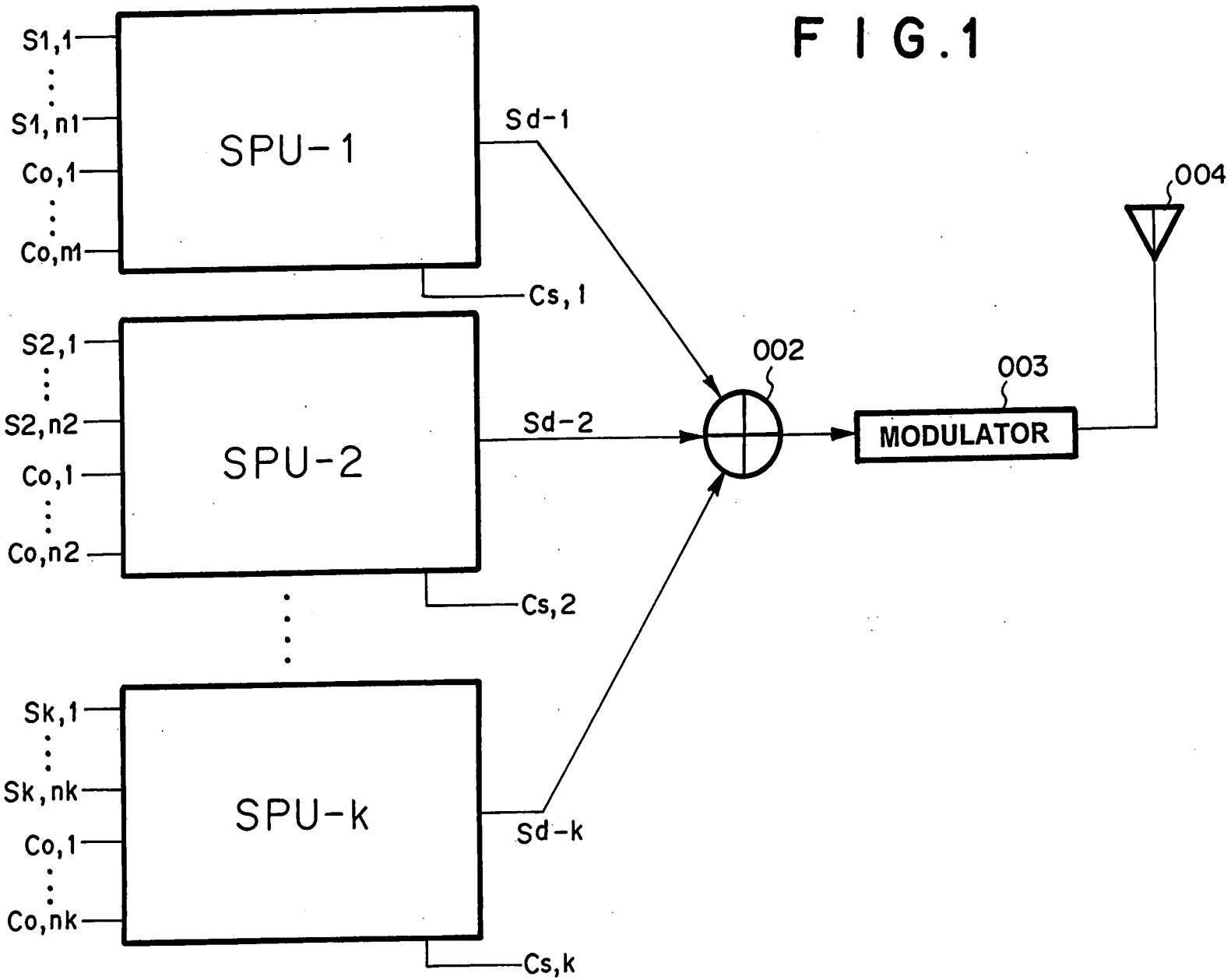


FIG.2

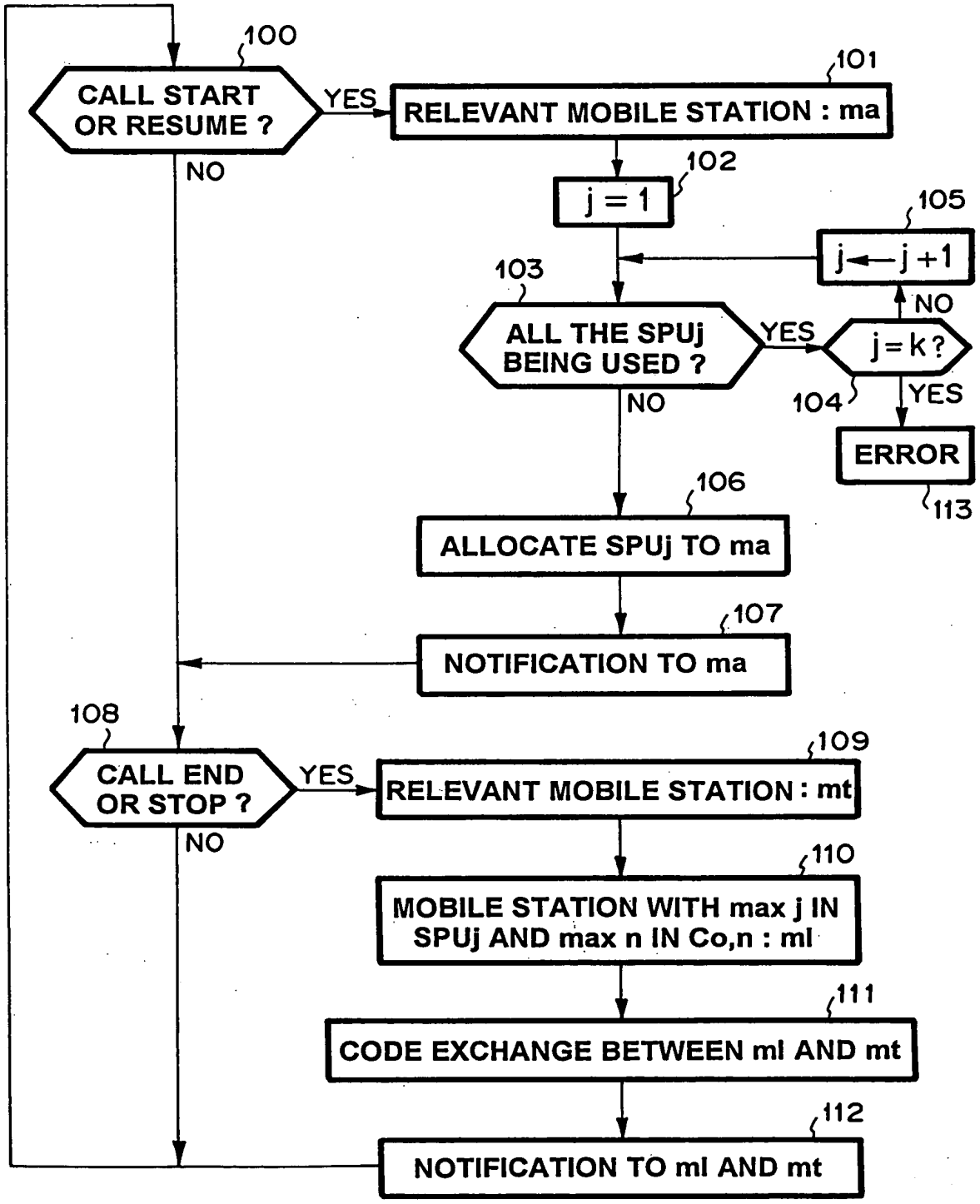

100
CALL START OR RESUME ?
YES
NO
101
RELEVANT MOBILE STATION : ma
102
j = 1
105
j ← j + 1
103
ALL THE SPUj BEING USED ?
YES
NO
j = k ?
NO
YES
104
ERROR
113
106
ALLOCATE SPUj TO ma
107
NOTIFICATION TO ma
108
CALL END OR STOP ?
YES
NO
109
RELEVANT MOBILE STATION : mt
110
MOBILE STATION WITH max j IN SPUj AND max n IN Co,n : ml
111
CODE EXCHANGE BETWEEN ml AND mt
112
NOTIFICATION TO ml AND mt

FIG. 3

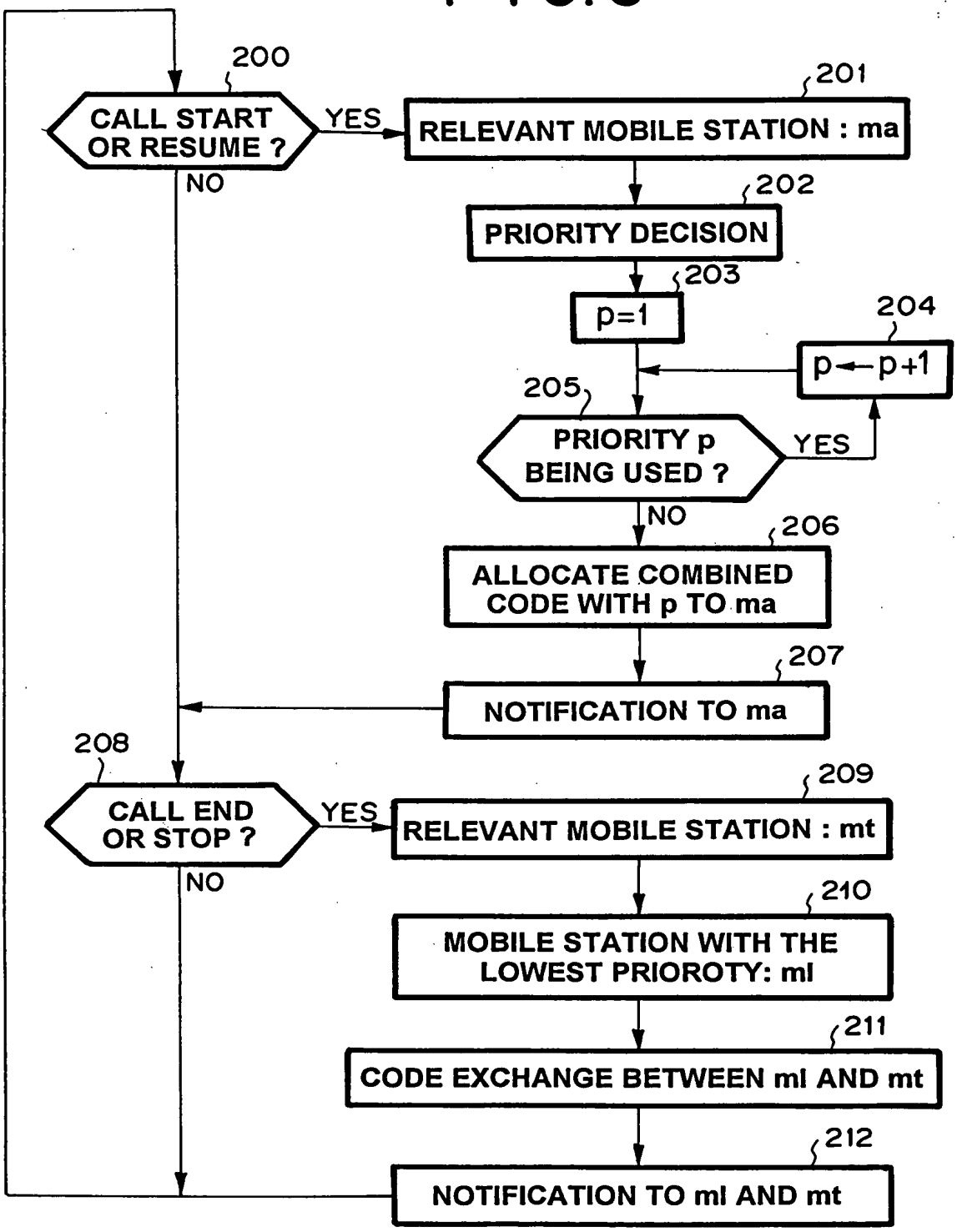
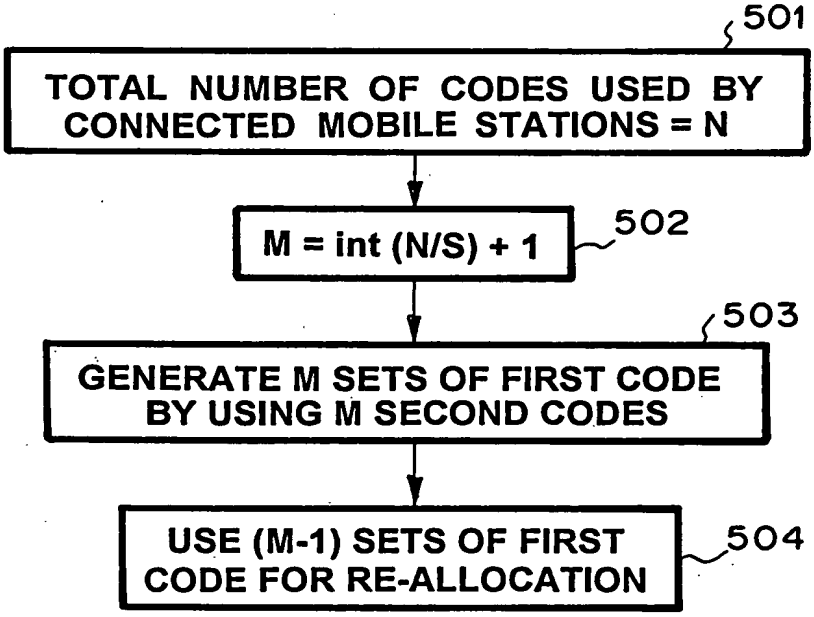

200
CALL START OR RESUME ?
YES
NO
201
RELEVANT MOBILE STATION : ma
202
PRIORITY DECISION
203
p=1
204
p←p+1
205
PRIORITY p BEING USED ?
YES
NO
206
ALLOCATE COMBINED CODE WITH p TO ma
207
NOTIFICATION TO ma
208
CALL END OR STOP ?
YES
NO
209
RELEVANT MOBILE STATION : mt
210
MOBILE STATION WITH THE LOWEST PRIOROTY: ml
211
CODE EXCHANGE BETWEEN ml AND mt
212
NOTIFICATION TO ml AND mt

FIG.4

ORTHOGONAL CODE \ SCRAMBLE CODE	1	2	• • •
1	1	9	• • •
2	2	10	• • •
3	3	11	• • •
4	4	12	• • •
5	5	13	• • •
6	6	14	• • •
7	7	15	• • •
8	8	16	• • •

FIG.5



0050050 "45"09"59"0

FIG.6

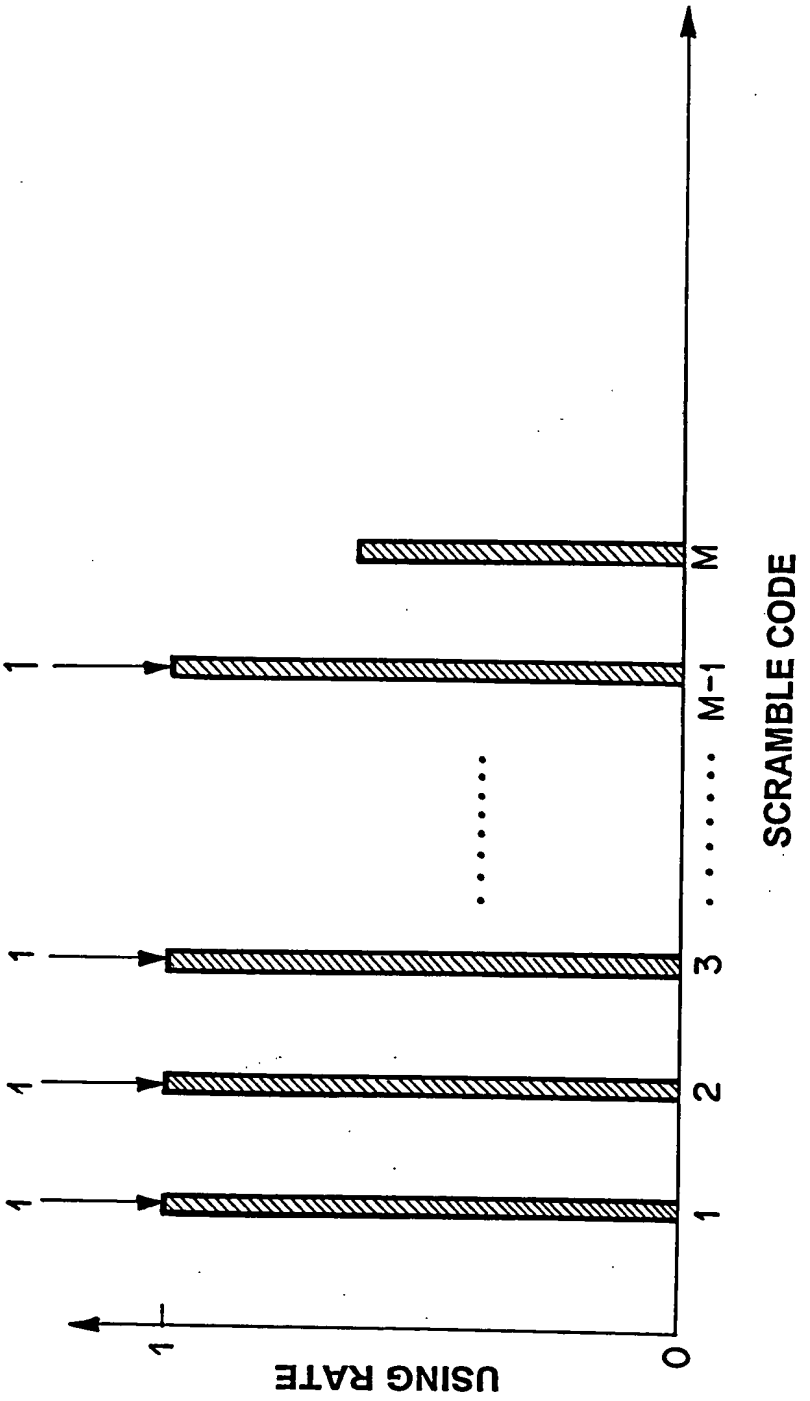


FIG.7

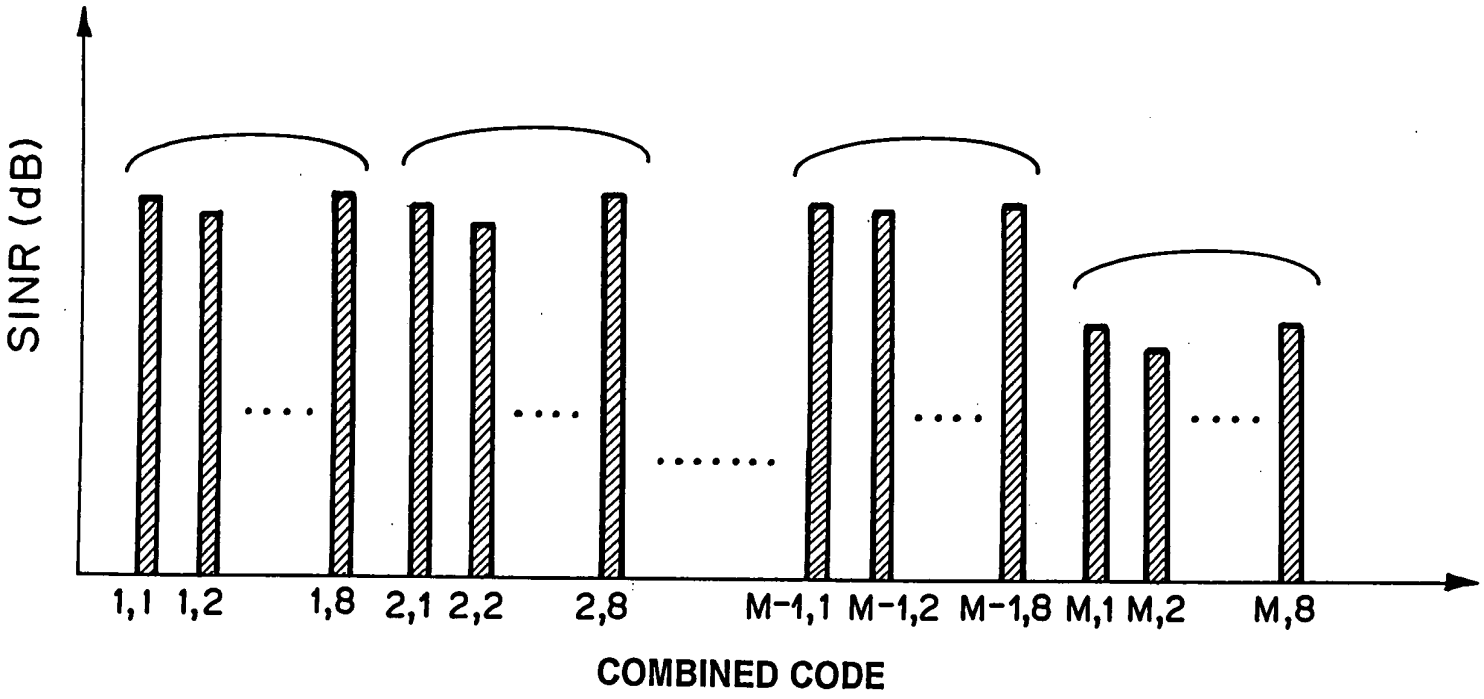


FIG.8A

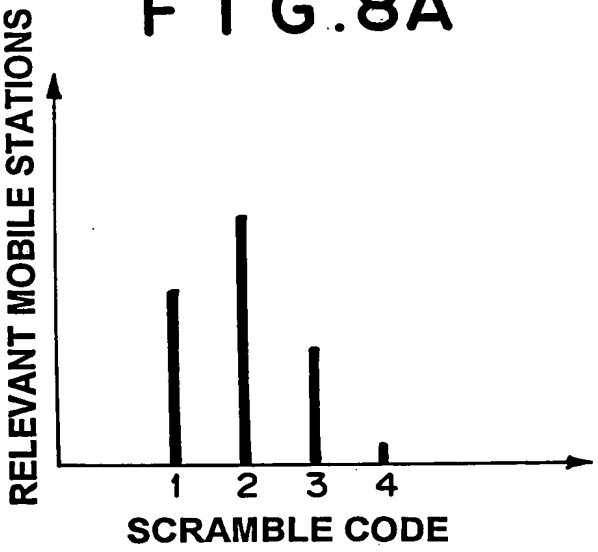


FIG.8B

ORTHOGONAL CODE \ SCRAMBLE CODE	1	2	3	4
1	9	1	17	25
2	10	2	18	26
3	11	3	19	27
4	12	4	20	28
5	13	5	21	29
6	14	6	22	30
7	15	7	23	31
8	16	8	24	32

FIG.9A

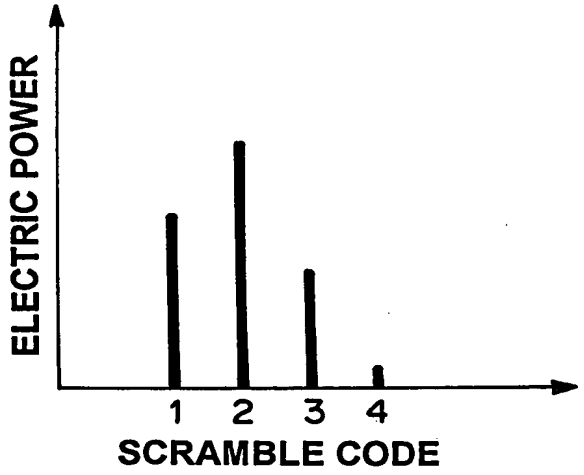


FIG.9B

ORTHOGONAL CODE \ SCRAMBLE CODE	1	2	3	4
1	9	1	17	25
2	10	2	18	26
3	11	3	19	27
4	12	4	20	28
5	13	5	21	29
6	14	6	22	30
7	15	7	23	31
8	16	8	24	32

FIG.10A

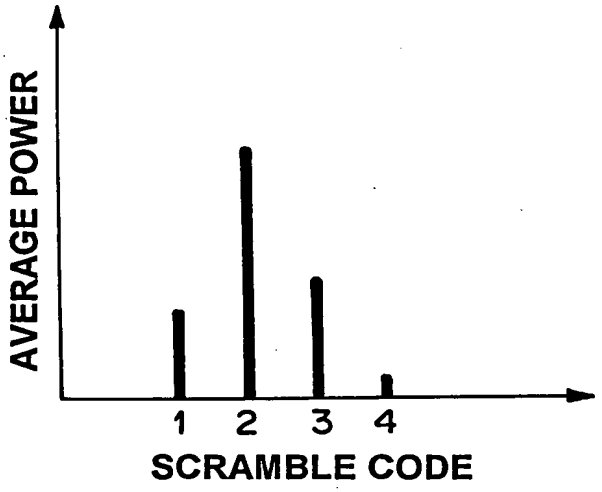


FIG.10B

ORTHOGONAL CODE	SCRAMBLE CODE 1	2	3	4
1	9	25	17	1
2	10	26	18	2
3	11	27	19	3
4	12	28	20	4
5	13	29	21	5
6	14	30	22	6
7	15	31	23	7
8	16	32	24	8

FIG.11

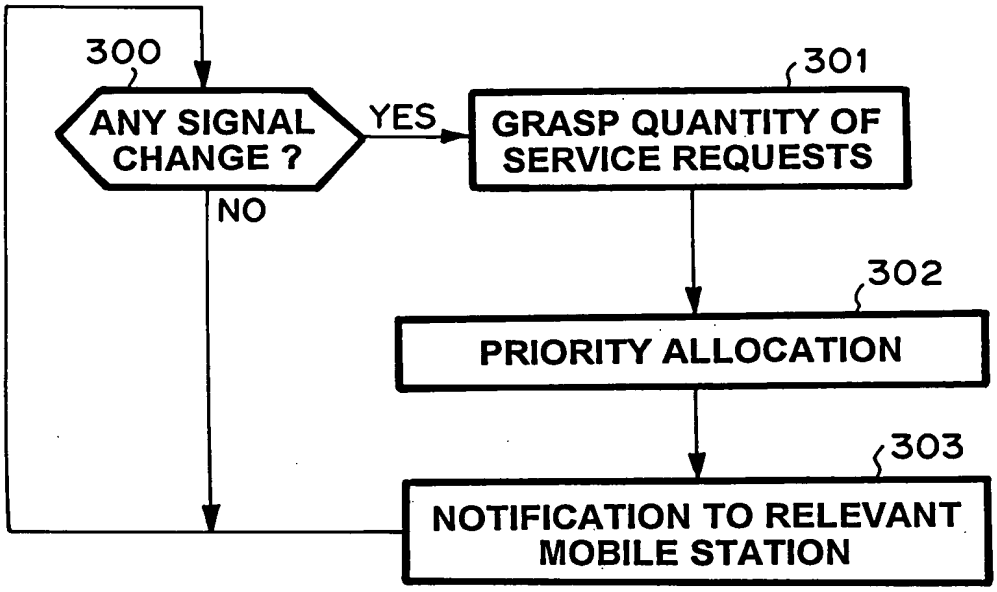


FIG.12

SCRAMBLE CODE

ORTHOGONAL CODE	1	2	• • •
1	1	9	• • •
2	2	10	• • •
3	3	11	• • •
4	4	12	• • •
5	5	13	• • •
6	6	14	• • •
7	7	15	• • •
8	8	16	• • •

FIG.13

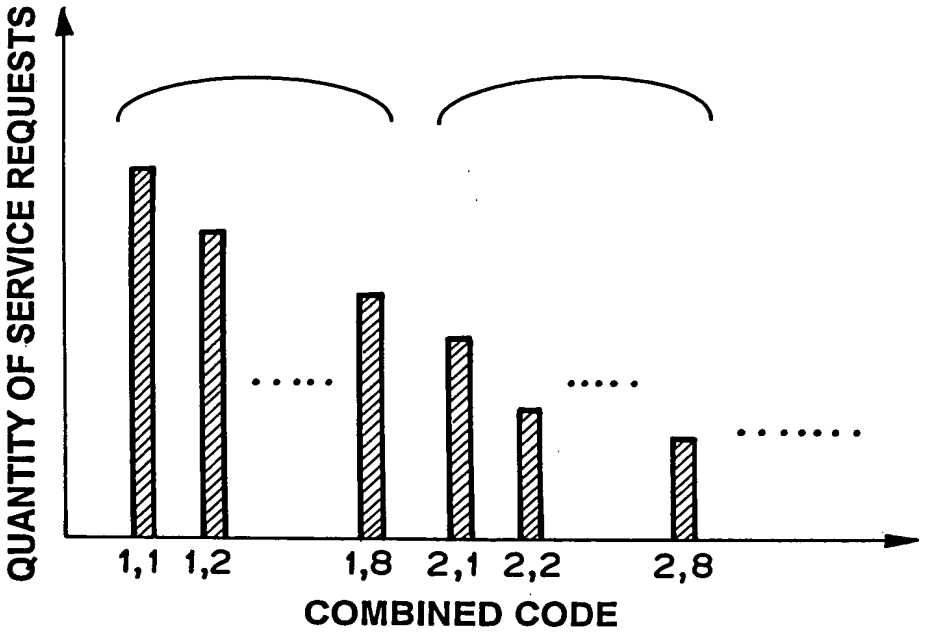

QUANTITY OF SERVICE REQUESTS
1,1
1,2
1,8
2,1
2,2
2,8
COMBINED CODE

FIG.14

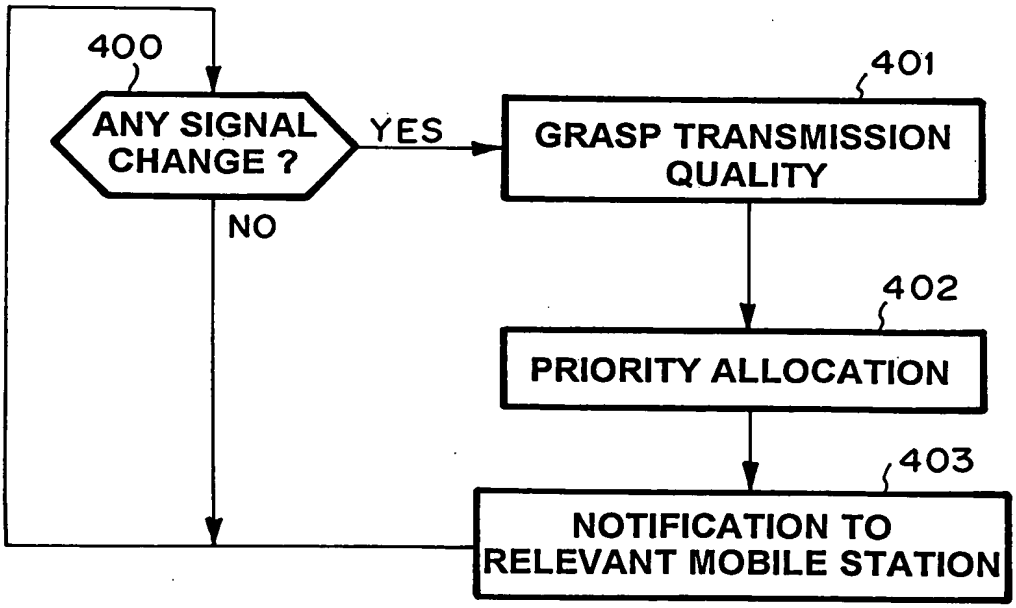
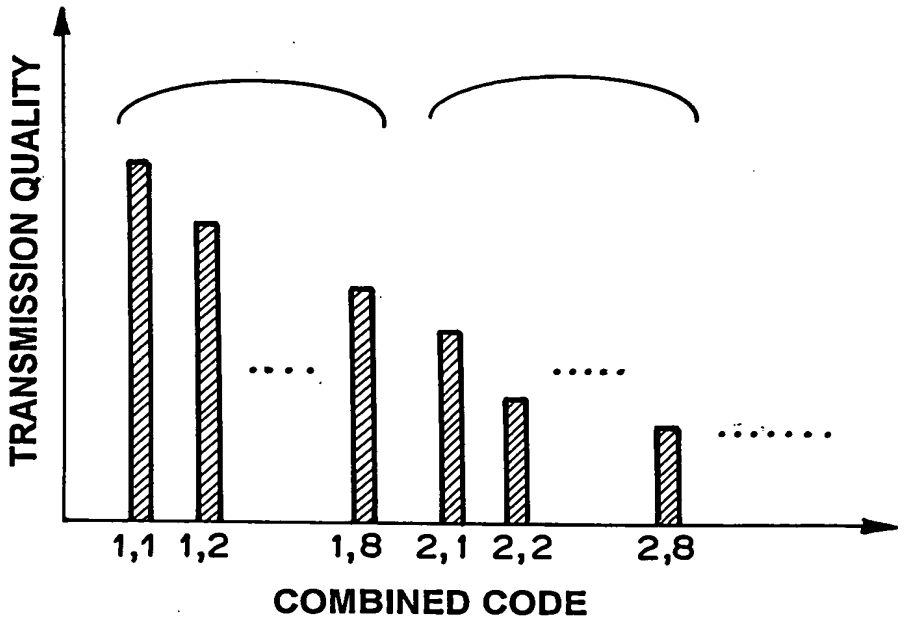

400
ANY SIGNAL CHANGE ?
YES
NO
401
GRASP TRANSMISSION QUALITY
402
PRIORITY ALLOCATION
403
NOTIFICATION TO RELEVANT MOBILE STATION

FIG.15

SCRAMBLE CODE

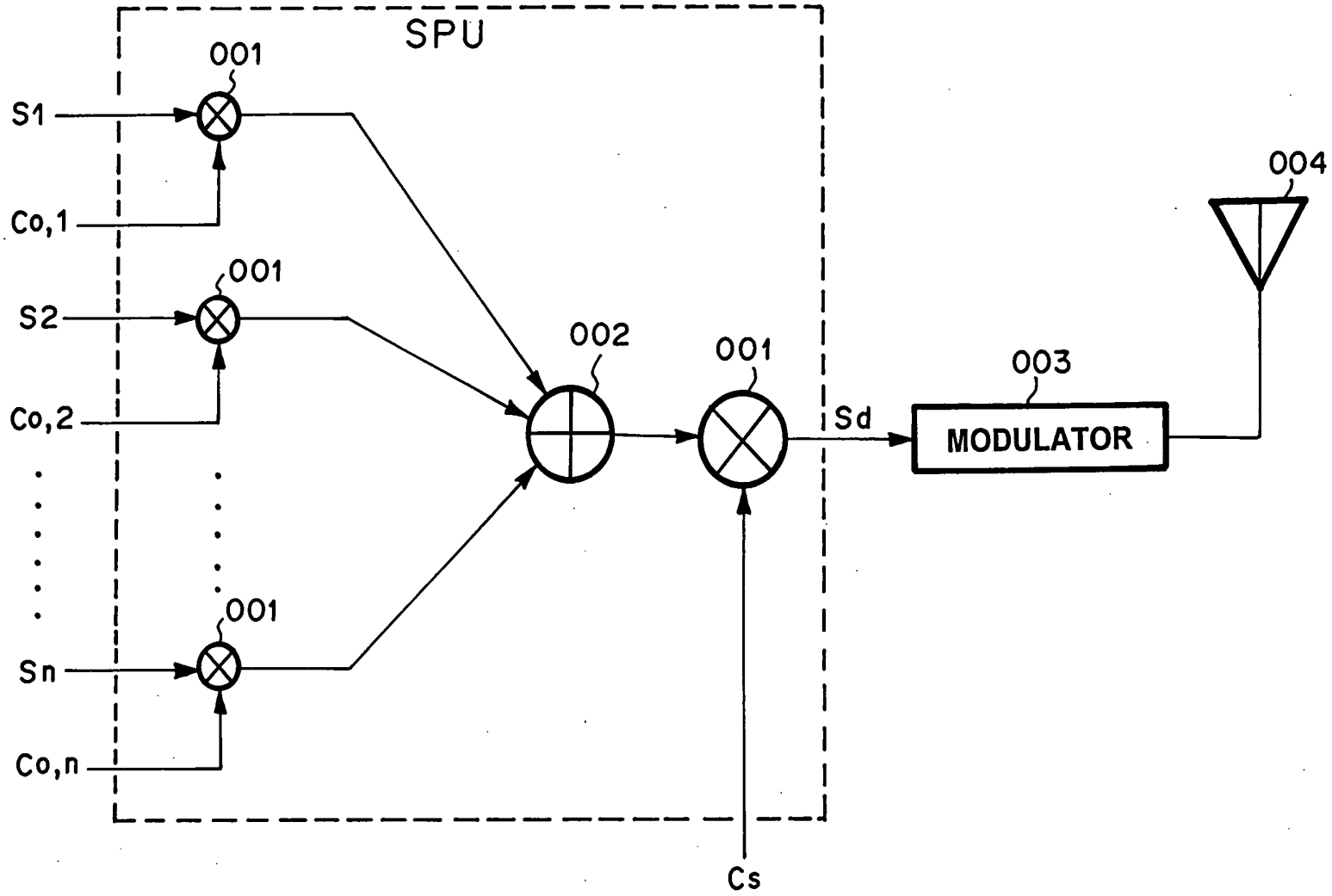
ORTHOGONAL CODE	1	2	• • •
1	1	9	• • •
2	2	10	• • •
3	3	11	• • •
4	4	12	• • •
5	5	13	• • •
6	6	14	• • •
7	7	15	• • •
8	8	16	• • •

FIG.16



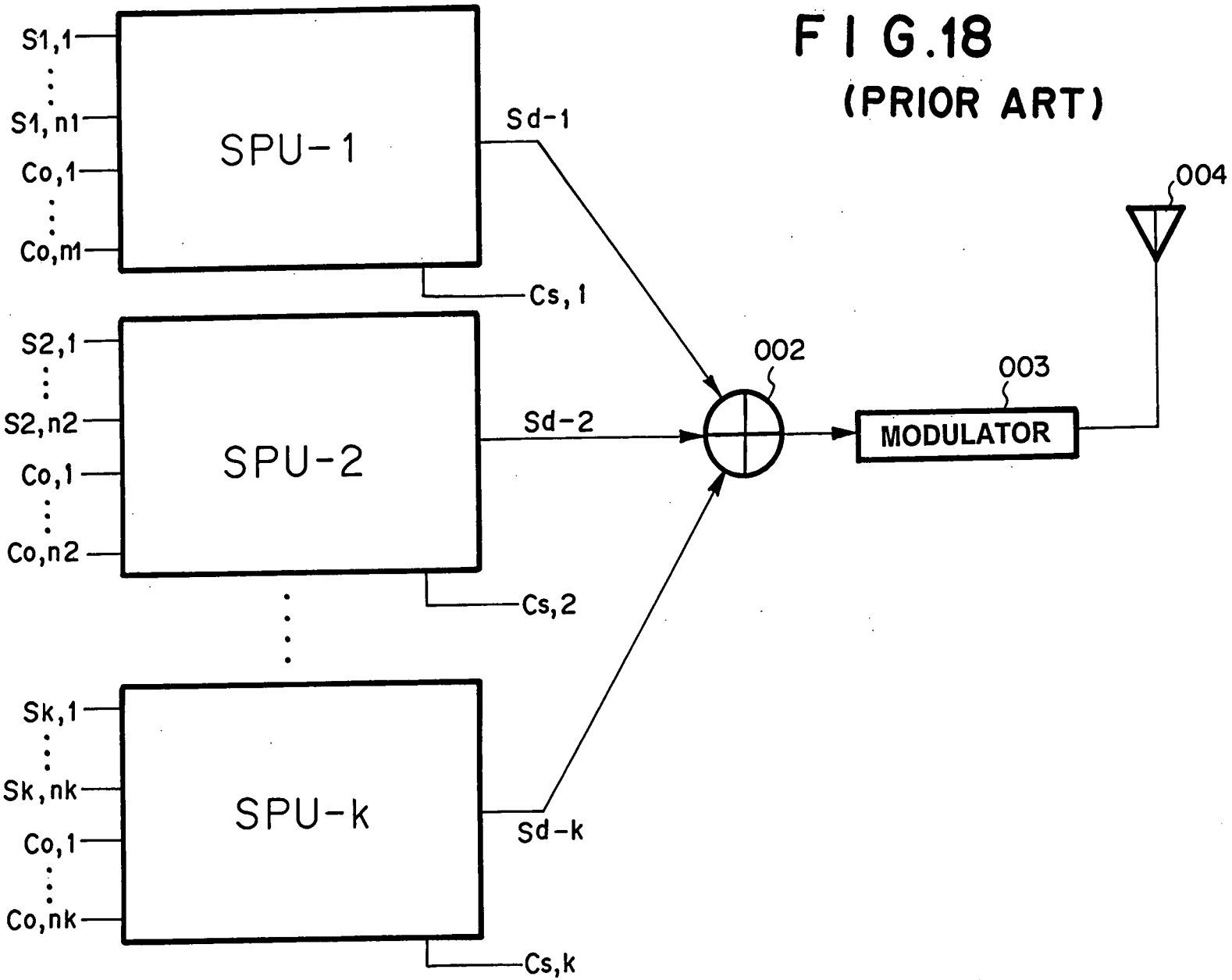
0050E0 *E08T560

FIG.17 (PRIOR ART)



09C060 "4E98T560

FIG.18
(PRIOR ART)



0050E0"+E09T560

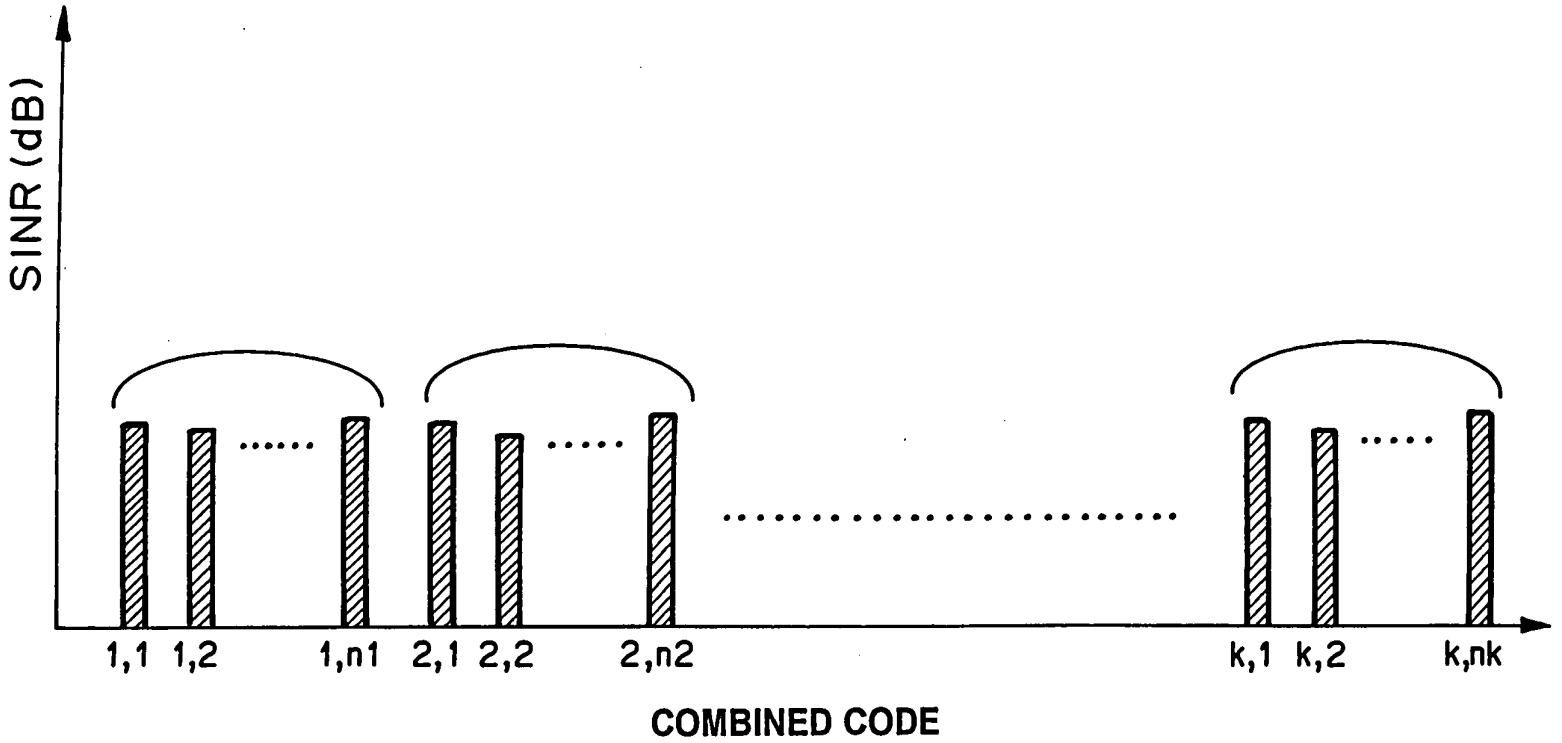



FIG.19
(PRIOR ART)